

Lin Cai

List of Publications by Year in descending order

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335
papers

7,896
citations

61984

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times ranked

7061
citing authors

#	ARTICLE	IF	CITATIONS
1	Trajectory and Communication Design for Cache-Enabled UAVs in Cellular Networks: A Deep Reinforcement Learning Approach. IEEE Transactions on Mobile Computing, 2023, 22, 6190-6204.	5.8	7
2	Guest Editorial: Security, Privacy, and Trust Analysis and Service Management for Intelligent Internet of Things Healthcare. IEEE Transactions on Industrial Informatics, 2022, 18, 1968-1970.	11.3	6
3	Hybrid RSU Management in Cybertwin-IoV for Temporal and Spatial Service Coverage. IEEE Transactions on Vehicular Technology, 2022, 71, 4596-4606.	6.3	6
4	Spatio-Temporal Spectrum Load Prediction Using Convolutional Neural Network and ResNet. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 502-513.	7.9	10
5	Special Section on Security, Privacy and Trust Analysis and Service Management for Intelligent Internet of Things Healthcare (Part II). IEEE Transactions on Industrial Informatics, 2022, , 1-1.	11.3	0
6	Antenna De-Embedding Using Deconvolution With Tikhonov Regularization for mmWave Channel Measurement. IEEE Transactions on Antennas and Propagation, 2022, 70, 7024-7036.	5.1	3
7	UAV-Enabled Data Collection Over Clustered Machine-Type Communication Networks: AEM Modeling and Trajectory Planning. IEEE Transactions on Vehicular Technology, 2022, 71, 10016-10032.	6.3	3
8	Distributed and Adaptive Reservation MAC Protocol for Beaconing in Vehicular Networks. IEEE Transactions on Mobile Computing, 2021, 20, 2936-2948.	5.8	17
9	Stability Analysis of Vehicle Platooning With Limited Communication Range and Random Packet Losses. IEEE Internet of Things Journal, 2021, 8, 262-277.	8.7	32
10	Chitchat: Efficient and Reliable Decoding of Two-transmitter Superimposed Signals for IoT. IEEE Internet of Things Journal, 2021, , 1-1.	8.7	1
11	Hierarchical Agglomerative Clustering and LSTM-based Load Prediction for Dynamic Spectrum Allocation. , 2021, , .		6
12	Vehicle Platooning With Non-Ideal Communication Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 18-32.	6.3	36
13	Network for AI and AI for Network: Challenges and Opportunities for Learning-Oriented Networks. IEEE Network, 2021, 35, 270-277.	6.9	16
14	Elevation of miR-302b prevents multiple myeloma cell growth and bone destruction by blocking DKK1 secretion. Cancer Cell International, 2021, 21, 187.	4.1	6
15	Robust Secrecy Competition With Aggregate Interference Constraint in Small-Cell Networks. IEEE Transactions on Wireless Communications, 2021, 20, 2325-2340.	9.2	8
16	The effect of miR-539 regulating TRIAP1 on the apoptosis, proliferation, migration and invasion of osteosarcoma cells. Cancer Cell International, 2021, 21, 227.	4.1	11
17	Loss-Aware Throughput Estimation Scheduler for Multi-Path TCP in Heterogeneous Wireless Networks. IEEE Transactions on Wireless Communications, 2021, 20, 3336-3349.	9.2	15
18	Convergence time of average consensus with heterogeneous random link failures. Automatica, 2021, 127, 109496.	5.0	4

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19	Construction and Validation of a Macrophage-Associated Risk Model for Predicting the Prognosis of Osteosarcoma. <i>Journal of Oncology</i> , 2021, 2021, 1-18.	1.3	6
20	NCâ€“MAC: A Distributed MAC Protocol for Reliable Beacon Broadcasting in V2X. <i>IEEE Transactions on Vehicular Technology</i> , 2021, 70, 6044-6057.	6.3	7
21	I-Talk: Reliable and Practical Superimposed Signal Decoding Without Power Control. <i>IEEE Transactions on Wireless Communications</i> , 2021, 20, 4269-4281.	9.2	4
22	Bioinspired Redwoodâ€“Like Scaffolds Coordinated by In Situâ€“Generated Silicaâ€“Containing Hybrid Nanocoatings Promote Angiogenesis and Osteogenesis both In Vitro and In Vivo. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101591.	7.6	19
23	Prediction and Modeling of Spectrum Occupancy for Dynamic Spectrum Access Systems. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2021, 7, 715-728.	7.9	11
24	Channel State Information Prediction for Adaptive Underwater Acoustic Downlink OFDMA System: Deep Neural Networks Based Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2021, 70, 9063-9076.	6.3	28
25	Fundamentals and Advancements of Topology Discovery in Underwater Acoustic Sensor Networks: A Review. <i>IEEE Sensors Journal</i> , 2021, 21, 21159-21174.	4.7	29
26	Treatment of Radiation Bone Injury with Transplanted hUCB-MSCs via Wnt/ β -Catenin. <i>Stem Cells International</i> , 2021, 2021, 1-14.	2.5	2
27	ULK1 Suppresses Osteoclast Differentiation and Bone Resorption via Inhibiting Syk-JNK through DOK3. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-17.	4.0	7
28	Performance Analysis on Access Collision in Semi-Persistent Scheduling of C-V2X Mode 4. , 2021, , .		3
29	Mesh Network Reliability Analysis for Ultra-Reliable Low-Latency Services. , 2021, , .		4
30	An Efficient Percolation-based Routing Protocol for Underwater Acoustic Networks. , 2021, , .		0
31	Disclose More and Risk Less: Privacy Preserving Online Social Network Data Sharing. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2020, 17, 1173-1187.	5.4	12
32	Toward Reliable and Scalable Internet of Vehicles: Performance Analysis and Resource Management. <i>Proceedings of the IEEE</i> , 2020, 108, 324-340.	21.3	60
33	Energy Efficient Buffer-Aided Transmission Scheme in Wireless Powered Cooperative NOMA Relay Network. <i>IEEE Transactions on Communications</i> , 2020, 68, 1432-1447.	7.8	24
34	Throughput-Optimal H-QMW Scheduling for Hybrid Wireless Networks With Persistent and Dynamic Flows. <i>IEEE Transactions on Wireless Communications</i> , 2020, 19, 1182-1195.	9.2	6
35	<p>Multifunctional Coating with Both Thermal Insulation and Antibacterial Properties Applied to Nickel-Titanium Alloy</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 7215-7234.	6.7	5
36	Differential Private Noise Adding Mechanism and Its Application on Consensus Algorithm. <i>IEEE Transactions on Signal Processing</i> , 2020, 68, 4069-4082.	5.3	41

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37	Biomimetic mineralization of novel hydroxyethyl cellulose/soy protein isolate scaffolds promote bone regeneration in vitro and in vivo. International Journal of Biological Macromolecules, 2020, 162, 1627-1641.	7.5	54
38	Antihypertensive drugs are associated with reduced fatal outcomes and improved clinical characteristics in elderly COVID-19 patients. Cell Discovery, 2020, 6, 77.	6.7	54
39	Extremely High Incidence of Lower Extremity Deep Venous Thrombosis in 48 Patients With Severe COVID-19 in Wuhan. Circulation, 2020, 142, 181-183.	1.6	177
40	Achievable Secrecy Rate Region for Buffer-Aided Multiuser MISO Systems. IEEE Transactions on Information Forensics and Security, 2020, 15, 3311-3324.	6.9	8
41	Polyethylenimine-dextran-coated magnetic nanoparticles loaded with miR-302b suppress osteosarcoma <i>in vitro</i> and <i>in vivo</i> . Nanomedicine, 2020, 15, 711-723.	3.3	29
42	Contactless treatment for scoliosis by electromagnetically controlled shape-memory alloy rods: a preliminary study in rabbits. European Spine Journal, 2020, 29, 1147-1158.	2.2	2
43	Efficient Computing Resource Sharing for Mobile Edge-Cloud Computing Networks. IEEE/ACM Transactions on Networking, 2020, 28, 1227-1240.	3.8	146
44	Adaptive Transmission Design for Rechargeable Wireless Sensor Network With a Mobile Sink. IEEE Internet of Things Journal, 2020, 7, 9011-9025.	8.7	11
45	SigMix: Decoding Superimposed Signals for IoT. IEEE Internet of Things Journal, 2020, 7, 3026-3040.	8.7	7
46	Lightweight Blockchain Consensus Protocols for Vehicular Social Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 5736-5748.	6.3	24
47	Joint Resource Allocation and Computation Offloading With Time-Varying Fading Channel in Vehicular Edge Computing. IEEE Transactions on Vehicular Technology, 2020, 69, 3384-3398.	6.3	61
48	Decentralized Incentive Mechanism for Cooperative Content Dissemination in Vehicular Networks. , 2020, , .		3
49	Spatio-temporal Spectrum Load Prediction using Convolutional Neural Network and Bayesian Estimation. , 2020, , .		5
50	Privacy-Preserving Data Aggregation for Smart Grids. , 2020, , 1103-1106.		0
51	Capacity Analysis of Interference-Limited Wireless Networks in Three-Dimensional Space. , 2020, , 155-160.		0
52	GNC-MAC: Grouping and Network Coding-assisted MAC for Reliable Group-casting in V2X. , 2020, , .		0
53	Directed Percolation Routing for Ultra-Reliable and Low-Latency Services in Low Earth Orbit (LEO) Satellite Networks. , 2020, , .		20
54	Power Allocation and 3-D Placement for Floating Relay Supporting Indoor Communications. IEEE Transactions on Mobile Computing, 2019, 18, 618-631.	5.8	20

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55	Distributed Privacy-Preserving Data Aggregation Against Dishonest Nodes in Network Systems. IEEE Internet of Things Journal, 2019, 6, 1462-1470.	8.7	43
56	Iterative Trajectory Optimization for Physical-Layer Secure Buffer-Aided UAV Mobile Relaying. Sensors, 2019, 19, 3442.	3.8	14
57	PhyCode: A Practical Wireless Communication System Exploiting Superimposed Signals. , 2019, , .		3
58	Using blockchain to enhance the security of fog-assisted crowdsensing systems. , 2019, , .		14
59	Joint User Pairing, Mode Selection, and Power Control for D2D-Capable Cellular Networks Enhanced by Nonorthogonal Multiple Access. IEEE Internet of Things Journal, 2019, 6, 8919-8932.	8.7	34
60	Biphasic Injectable Bone Cement with Fe ₃ O ₄ /GO Nanocomposites for the Minimally Invasive Treatment of Tumor-Induced Bone Destruction. ACS Biomaterials Science and Engineering, 2019, 5, 5833-5843.	5.2	21
61	Buffer-Aided Adaptive Wireless Powered Communication Network With Finite Energy Storage and Data Buffer. IEEE Transactions on Wireless Communications, 2019, 18, 5764-5779.	9.2	16
62	<p>Icariin-loaded porous scaffolds for bone regeneration through the regulation of the coupling process of osteogenesis and osteoclastic activity</p>. International Journal of Nanomedicine, 2019, Volume 14, 6019-6033.	6.7	35
63	Execution Latency and Energy Consumption Tradeoff in Mobile-Edge Computing Systems. , 2019, , .		8
64	Beyond Respiration. , 2019, 3, 1-22.		32
65	Guest Editorial Special Issue on AI Enabled Cognitive Communication and Networking for IoT. IEEE Internet of Things Journal, 2019, 6, 1906-1910.	8.7	5
66	Optimal location of supplementary node in UAV surveillance system. Journal of Network and Computer Applications, 2019, 140, 23-39.	9.1	12
67	Consensus-Based Data-Privacy Preserving Data Aggregation. IEEE Transactions on Automatic Control, 2019, 64, 5222-5229.	5.7	50
68	Diagnostic and Management Options of Osteoblastoma in the Spine. Medical Science Monitor, 2019, 25, 1362-1372.	1.1	21
69	Icariin promotes osteogenic differentiation of bone marrow stromal cells and prevents bone loss in OVX mice via activating autophagy. Journal of Cellular Biochemistry, 2019, 120, 13121-13132.	2.6	39
70	Delay Minimization for Massive Internet of Things With Non-Orthogonal Multiple Access. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 553-566.	10.8	36
71	Expanding EV Charging Networks Considering Transportation Pattern and Power Supply Limit. IEEE Transactions on Smart Grid, 2019, 10, 6332-6342.	9.0	37
72	GPS-free vehicular localization system using roadside units with directional antennas. Journal of Communications and Networks, 2019, 21, 12-24.	2.6	18

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73	User-preference-aware Private-preserving Average Consensus. , 2019, , .		0
74	Adaptive Content Placement in Edge Networks Based on Hybrid User Preference Learning. , 2019, , .		4
75	A Throughput Fairness-based Grouping Strategy for Dense IEEE 802.11ah Networks. , 2019, , .		13
76	Trajectory Optimization for Physical Layer Secure Buffer-Aided UAV Mobile Relaying. , 2019, , .		4
77	Privacy-Preserving Average Consensus: Privacy Analysis and Algorithm Design. IEEE Transactions on Signal and Information Processing Over Networks, 2019, 5, 127-138.	2.8	57
78	Optimal Charging Scheduling by Pricing for EV Charging Station With Dual Charging Modes. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3386-3396.	8.0	172
79	Planning While Flying: A Measurement-Aided Dynamic Planning of Drone Small Cells. IEEE Internet of Things Journal, 2019, 6, 2693-2705.	8.7	15
80	Efficient Computation Resource Management in Mobile Edge-Cloud Computing. IEEE Internet of Things Journal, 2019, 6, 3455-3466.	8.7	55
81	Joint Roadside Unit Deployment and Service Task Assignment for Internet of Vehicles (IoV). IEEE Internet of Things Journal, 2019, 6, 3271-3283.	8.7	48
82	Optimal Charging Scheduling for Catenary-Free Trams in Public Transportation Systems. IEEE Transactions on Smart Grid, 2019, 10, 227-237.	9.0	26
83	Cooperative channel allocation and scheduling in multi-interface wireless mesh networks. Peer-to-Peer Networking and Applications, 2019, 12, 1-12.	3.9	42
84	Data Uploading in Hybrid V2V/V2I Vehicular Networks: Modeling and Cooperative Strategy. IEEE Transactions on Vehicular Technology, 2018, 67, 4602-4614.	6.3	40
85	Mobile Node Localization in Underwater Wireless Networks. IEEE Access, 2018, 6, 17232-17244.	4.2	28
86	Intelligent Parking Garage EV Charging Scheduling Considering Battery Charging Characteristic. IEEE Transactions on Industrial Electronics, 2018, 65, 2806-2816.	7.9	113
87	Practical closed-loop dynamic pricing in smart grid for supply and demand balancing. Automatica, 2018, 89, 92-102.	5.0	11
88	Cooperative Device-to-Device Communication With Network Coding for Machine Type Communication Devices. IEEE Transactions on Wireless Communications, 2018, 17, 296-309.	9.2	27
89	Cooperative Device-to-Device Communication for Uplink Transmission in Cellular System. IEEE Transactions on Wireless Communications, 2018, 17, 3903-3917.	9.2	27
90	Design of Channel Coded Heterogeneous Modulation Physical Layer Network Coding. IEEE Transactions on Vehicular Technology, 2018, 67, 2219-2230.	6.3	15

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91	Energy-Efficient User Scheduling and Power Allocation for NOMA-Based Wireless Networks With Massive IoT Devices. IEEE Internet of Things Journal, 2018, 5, 1857-1868.	8.7	160
92	Optimal Dropbox Deployment Algorithm for Data Dissemination in Vehicular Networks. IEEE Transactions on Mobile Computing, 2018, 17, 632-645.	5.8	34
93	Wireless Powered Buffer-Aided Communication Over \mathbb{R}^2 -User Interference Channel. , 2018, , .		1
94	Achievable Rate Region of the Buffer-Aided Two-Way Energy Harvesting Relay Network. IEEE Transactions on Vehicular Technology, 2018, 67, 11127-11142.	6.3	31
95	Security-Aware Proportional Fairness Resource Allocation for Cognitive Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 11694-11704.	6.3	18
96	Dynamic Charging Scheduling for EV Parking Lots With Photovoltaic Power System. IEEE Access, 2018, 6, 56995-57005.	4.2	75
97	EV Charging Network Design with Transportation and Power Grid Constraints. , 2018, , .		13
98	Electric Vehicle Charging Scheme for a Park-and-Charge System Considering Battery Degradation Costs. IEEE Transactions on Intelligent Vehicles, 2018, 3, 361-373.	12.7	83
99	Cross-Polarized Three-Dimensional Channel Measurement and Modeling for Small-Cell Street Canyon Scenario. IEEE Transactions on Vehicular Technology, 2018, 67, 7969-7983.	6.3	21
100	Vehicular beacon broadcast scheduling based on age of information (Aol). China Communications, 2018, 15, 67-76.	3.2	29
101	Preserving Data-Privacy With Added Noises: Optimal Estimation and Privacy Analysis. IEEE Transactions on Information Theory, 2018, 64, 5677-5690.	2.4	71
102	Privacy-Preserving Data Aggregation for Smart Grids. , 2018, , 1-5.		0
103	E-HIPA: An Energy-Efficient Framework for High-Precision Multi-Target-Adaptive Device-Free Localization. IEEE Transactions on Mobile Computing, 2017, 16, 716-729.	5.8	72
104	RSS-Based Grouping Strategy for Avoiding Hidden Terminals with GS-DCF MAC Protocol. , 2017, , .		13
105	Accurate clock synchronization in wireless sensor networks with bounded noise. Automatica, 2017, 81, 350-358.	5.0	44
106	Head-of-Line Access Delay-Based Scheduling Algorithm for Flow-Level Dynamics. IEEE Transactions on Vehicular Technology, 2017, 66, 5387-5397.	6.3	8
107	Minimizing Secrecy Outage Probability in Multiuser Wireless Systems With Stochastic Traffic. IEEE Transactions on Vehicular Technology, 2017, 66, 6449-6460.	6.3	8
108	Design and Analysis of Hierarchical Physical Layer Network Coding. IEEE Transactions on Wireless Communications, 2017, 16, 7966-7981.	9.2	7

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109	MiR-302b Suppresses Osteosarcoma Cell Migration and Invasion by Targeting Runx2. Scientific Reports, 2017, 7, 13388.	3.3	39
110	Joint optimization of downlink and D2D transmissions for SVC streaming in cooperative cellular networks. Neurocomputing, 2017, 270, 178-187.	5.9	8
111	Networked Electric Vehicles for Green Intelligent Transportation. IEEE Communications Standards Magazine, 2017, 1, 77-83.	4.9	41
112	Deep learning based optimization in wireless network. , 2017, , .		36
113	UAV-Assisted Dynamic Coverage in a Heterogeneous Cellular System. IEEE Network, 2017, 31, 56-61.	6.9	116
114	Differential private noise adding mechanism: Basic conditions and its application. , 2017, , .		25
115	Adaptive beaconing for collision avoidance and tracking accuracy in vehicular networks. Journal of Communications and Information Networks, 2017, 2, 30-45.	5.2	5
116	MAC Protocols for High Data-Rate Wireless Networks. Springer Briefs in Electrical and Computer Engineering, 2017, , 9-42.	0.5	2
117	A Probabilistic Distance-Based Modeling and Analysis for Cellular Networks With Underlying Device-to-Device Communications. IEEE Transactions on Wireless Communications, 2017, 16, 451-463.	9.2	22
118	Delay Analysis and Routing for Two-Dimensional VANETs Using Carry-and-Forward Mechanism. IEEE Transactions on Mobile Computing, 2017, 16, 1830-1841.	5.8	63
119	Utility Maximization for Multimedia Data Dissemination in Large-Scale VANETs. IEEE Transactions on Mobile Computing, 2017, 16, 1188-1198.	5.8	52
120	Poster: Dynamic Charging Scheduling for EV Parking Lots with Renewable Energy. , 2017, , .		3
121	Optimal state estimation for distributed algorithm with noise adding mechanism. , 2017, , .		2
122	Bi-Directional Multi-Hop Wireless Pipeline Using Physical-Layer Network Coding. IEEE Transactions on Wireless Communications, 2017, 16, 7950-7965.	9.2	12
123	Hybrid Medium Access for Multimedia Services. Springer Briefs in Electrical and Computer Engineering, 2017, , 103-132.	0.5	1
124	Resource Reservation. Springer Briefs in Electrical and Computer Engineering, 2017, , 77-101.	0.5	0
125	Uplink Cooperative Transmission for Machine-Type Communication Traffic in Cellular System. , 2016, , .		5
126	Profiling Online Social Network Users via Relationships and Network Characteristics. , 2016, , .		6

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127	Delay Analysis and Message Delivery Strategy in Hybrid V2I/V2V Networks. , 2016, , .		12
128	Guest Editorial Emerging Technology for 5G Enabled Vehicular Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 7827-7830.	6.3	5
129	QoS-Aware and Load-Balance Routing for IEEE 802.11s Based Neighborhood Area Network in Smart Grid. Wireless Personal Communications, 2016, 89, 1065-1088.	2.7	24
130	Measurement and Modeling of Angular Spreads of Three-dimensional Urban Street Radio Channels. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	6.3	20
131	A Distributed Prioritized Multiple Access Scheme for Ad Hoc Networks Using Time-Frequency Hopping Communications. , 2016, , .		0
132	On Achieving Fair and Throughput-Optimal Scheduling for TCP Flows in Wireless Networks. IEEE Transactions on Wireless Communications, 2016, 15, 7996-8008.	9.2	20
133	DAFEE: A Decomposed Approach for energy efficient networking in multi-radio multi-channel wireless networks. , 2016, , .		12
134	Admission Control and Scheduling for EV Charging Station Considering Time-of-Use Pricing. , 2016, , .		14
135	Maximizing coding gain in wireless networks with decodable network coding. , 2016, , .		1
136	Performance Analysis of Semi-Centralized Controlled Uplink Cooperative Transmission. , 2016, , .		3
137	A reliable QoS-aware routing scheme for neighbor area network in smart grid. Peer-to-Peer Networking and Applications, 2016, 9, 616-627.	3.9	44
138	Two-Dimensional DoA Estimation for Multipath Propagation Characterization Using the Array Response of PN-Sequences. IEEE Transactions on Wireless Communications, 2016, 15, 341-356.	9.2	41
139	Design and Analysis of Heterogeneous Physical Layer Network Coding. IEEE Transactions on Wireless Communications, 2016, 15, 2484-2497.	9.2	18
140	Maximum-Utility Scheduling for Multimedia Transmission in Drive-Thru Internet. IEEE Transactions on Vehicular Technology, 2016, 65, 2649-2658.	6.3	44
141	Channel Allocation for Adaptive Video Streaming in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	6.3	28
142	RSS Distribution-Based Passive Localization and Its Application in Sensor Networks. IEEE Transactions on Wireless Communications, 2016, 15, 2883-2895.	9.2	123
143	Delay Minimization for Data Dissemination in Large-Scale VANETs with Buses and Taxis. IEEE Transactions on Mobile Computing, 2016, 15, 1939-1950.	5.8	61
144	EPTR: expected path throughput based routing protocol for wireless mesh network. Wireless Networks, 2016, 22, 839-854.	3.0	12

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145	Indirect Load Shaping for CHP Systems Through Real-Time Price Signals. IEEE Transactions on Smart Grid, 2016, 7, 282-290.	9.0	16
146	Joint Optimization of Downlink and D2D Transmissions for SVC Streaming in Cooperative Cellular Networks. Lecture Notes in Computer Science, 2016, , 149-161.	1.3	1
147	Location-Related Challenges and Strategies in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 11, 571796.	2.2	0
148	HePNC: A Cross-Layer Design for MIMO Networks with Asymmetric Two-Way Relay Channel. , 2015, , .		2
149	A Dynamic Water-Filling Method for Real-Time HVAC Load Control Based on Model Predictive Control. IEEE Transactions on Power Systems, 2015, 30, 1405-1414.	6.5	23
150	A fully-distributed directional-to-directional MAC protocol for mobile ad hoc networks. , 2015, , .		4
151	Supply and demand in smart grid: A closed-loop pricing strategy. , 2015, , .		3
152	Small-cell planning based on uplink interference and traffic in two-tier cellular system. , 2015, , .		2
153	Elevation domain channel measurement and modeling for FD-MIMO with different UE height. , 2015, , .		3
154	On capacity optimization in multi-radio multi-channel wireless networks with directional antennas. , 2015, , .		0
155	Interference-Based Capacity Analysis for Vehicular Ad Hoc Networks. IEEE Communications Letters, 2015, 19, 621-624.	4.1	24
156	Distributed cooperative MAC for wireless networks based on network coding. , 2015, , .		0
157	Geometrical-Based Throughput Analysis of Device-to-Device Communications in a Sector-Partitioned Cell. IEEE Transactions on Wireless Communications, 2015, 14, 2232-2244.	9.2	19
158	Utility maximization for Electric Vehicle charging with admission control and scheduling. , 2015, , .		10
159	Rate-Adaptive Concurrent Transmission Scheduling Schemes for WPANs With Directional Antennas. IEEE Transactions on Vehicular Technology, 2015, 64, 4113-4123.	6.3	12
160	PiPNC: Piggybacking Physical Layer Network Coding for multihop wireless networks. , 2015, , .		3
161	AFDA: Asynchronous Flipped Diversity ALOHA for Emerging Wireless Networks With Long and Heterogeneous Delay. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 64-73.	4.6	16
162	Optimal Investment for Retail Company in Electricity Market. IEEE Transactions on Industrial Informatics, 2015, 11, 1210-1219.	11.3	30

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163	Dynamic rate adaptation for adaptive video streaming in wireless networks. Signal Processing: Image Communication, 2015, 39, 305-315.	3.2	9
164	Elevation domain measurement and modeling of UMA uplink channel with UE on different floors. , 2015, , .		8
165	A Geometrical-Based Throughput Bound Analysis for Device-to-Device Communications in Cellular Networks. IEEE Journal on Selected Areas in Communications, 2015, 33, 100-110.	14.0	37
166	Quality-Driven Adaptive Video Streaming for Cognitive VANETs. , 2014, , .		4
167	Hierarchical hexagonal modulation with ternary symbols for wireless video transmission. , 2014, , .		3
168	HOL delay based scheduling in wireless networks with flow-level dynamics. , 2014, , .		10
169	HePNC: Design of physical layer network coding with heterogeneous modulations. , 2014, , .		9
170	Concurrent transmission scheduling for WPANs with adaptive data rate. , 2014, , .		1
171	Finite-Éstate Markov modelling for wireless cooperative networks. IET Networks, 2014, 3, 119-128.	1.8	2
172	Distributed time synchronization under bounded noise in wireless sensor networks. , 2014, , .		4
173	Connectivity in mobile tactical networks. , 2014, , .		5
174	Measurement and modeling of indoor channels in elevation domain for 3D MIMO applications. , 2014, , .		9
175	Optimal Combined Heat and Power system scheduling in smart grid. , 2014, , .		16
176	Evaluating Service Disciplines for On-Demand Mobile Data Collection in Sensor Networks. IEEE Transactions on Mobile Computing, 2014, 13, 797-810.	5.8	45
177	A decentralized access control algorithm for PHEV charging in smart grid. Energy Systems, 2014, 5, 607-626.	3.0	4
178	A Real-Time Adaptive Algorithm for Video Streaming over Multiple Wireless Access Networks. IEEE Journal on Selected Areas in Communications, 2014, 32, 795-805.	14.0	91
179	Stability Region of Opportunistic Scheduling in Wireless Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 4017-4027.	6.3	10
180	Randomized PHEV Charging Under Distribution Grid Constraints. IEEE Transactions on Smart Grid, 2014, 5, 879-887.	9.0	56

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181	Angular spread measurement and modeling for 3D MIMO in urban macrocellular radio channels. , 2014, , .		10
182	Measurement and Analytical Study of the Correlation Properties of Subchannel Fading for Noncontiguous Carrier Aggregation. IEEE Transactions on Vehicular Technology, 2014, 63, 4165-4177.	6.3	5
183	Performance Analysis of Group-Synchronized DCF for Dense IEEE 802.11 Networks. IEEE Transactions on Wireless Communications, 2014, 13, 6180-6192.	9.2	104
184	Scheduling in a secure wireless network. , 2014, , .		10
185	A New Approach to the Directed Connectivity in Two-Dimensional Lattice Networks. IEEE Transactions on Mobile Computing, 2014, 13, 2458-2472.	5.8	17
186	A Distributed Demand Response Control Strategy Using Lyapunov Optimization. IEEE Transactions on Smart Grid, 2014, 5, 2075-2083.	9.0	84
187	Power Emission Density-based interference analysis for random wireless networks. , 2014, , .		6
188	Limiting Properties of Overloaded Multiuser Wireless Systems With Throughput-Optimal Scheduling. IEEE Transactions on Communications, 2014, 62, 3517-3527.	7.8	5
189	Sustainable communication and networking in two-tier green cellular networks. IEEE Wireless Communications, 2014, 21, 47-53.	9.0	24
190	Temperature-Assisted Clock Synchronization and Self-Calibration for Sensor Networks. IEEE Transactions on Wireless Communications, 2014, 13, 3419-3429.	9.2	36
191	HePNC: A Cross-Layer Design for MIMO Networks with Asymmetric Two-Way Relay Channel. , 2014, , .		1
192	Proportional Fair Scheduling in Hierarchical Modulation Aided Wireless Networks. IEEE Transactions on Wireless Communications, 2013, 12, 1584-1593.	9.2	33
193	LCS: Compressive sensing based device-free localization for multiple targets in sensor networks. , 2013, , .		51
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